

AMENDMENTS

In The Claims:

1. (Currently Amended) A method for making a catalytic converter comprising:
wrapping a catalytic converter core in an intumescent mat;
surrounding said catalytic converter core and said intumescent mat with a pre-wound metal jacket;
compressing said ~~pre-wound~~ wound jacket around said catalytic converter core and intumescent mat with tension bands; and
knocking said pre-wound jacket at a frequency of 20 to 80 Hz during said compression to cause setting of said intumescent mat between said core and said jacket.
2. (Original) A method as specified in claim 1, wherein said knocking is at a frequency of 40 to 50 Hz.
3. (Original) A method as specified in claim 1, wherein said knocking takes place for a period exceeding 2 seconds.
4. (Original) A method as specified in claim 3, wherein said knocking takes place for a period of about 4 to 5 seconds.
5. (Original) A method as specified in claim 1, wherein said intumescent mat has an overlap and wherein said pre-wound metal jacket has an overlap, and wherein in said surrounding said overlap of said jacket is offset from said overlap of said mat by approximately 180°.
6. (Original) A method as specified in claim 1, wherein said compression by said tension bands is increased during said knocking.
7. (Original) A method as specified in claim 6, wherein said tension is increased to a value of 10 to 30 kN.

8. (Original) A method as specified in claim 7, wherein said tension is increased to 20 kN.
9. (Original) A method as specified in claim 1, wherein said housing jacket is tacked by spot welding after said compressing.
10. (Original) A method as specified in claim 9, wherein cores are welded to the ends of said tack welded housing by circumferential seams, and wherein said housing jacket is welded with a longitudinal seam following welding of said cones.
11. (Original) A catalytic converter made by the method of claim 1.
12. (Original) A catalytic converter made by the method of claim 5.
13. (Original) A catalytic converter made by the method of claim 10.